

Notice of Allowability

Application No.

10/034,433

Examiner

Qamrun Nahar

Applicant(s)

HAREL ET AL.

Art Unit

2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/03/06, 07/17/06.
2. ☒ The allowed claim(s) is/are 1,3-8,10-17,19,20 and 22-52.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. This Office Action is in response to Amendments and Remarks received 11/03/2006 (and Remarks received 07/17/2006). Per Applicant's request, claims 1, 3-6, 8, 14-16, 19-20, and 38-39 have been amended. New claim 52 has been added. Claims 2, 9, 18, and 21 are cancelled. Claims 1, 3-8, 10-17, 19, 20, and 22-52 are pending.

Drawings

2. Replacement Sheet Drawing for FIGs. 22 & 23 has been entered.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Lilia Safonov, Reg. No. 45,967 on 01/22/2007.

The application has been amended as follows:

Amend Claim 1, (i), delete as indicated:

(i) providing a Graphic User Interface (GUI) for a system, whose behavior is being specified, said GUI [system] including at least one object[;] which has at least one property that does not change in reaction to an input unless change is described during playing in;

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Amend claim 19, following line 1, insert

a processor;

Amend claim 39, following line 1, insert

a processor;

4. Claims 1, 3-8, 10-17, 19, 20, and 22-52 (to be renumbered in order) are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding independent claim 1 (and similarly recited in independent claim 19), as noted in Remarks received 07/17/2006, page 14, 2nd paragraph, and page 15, paragraphs 2 & 4, Sherman, Werner, Ladkin, and other cited prior arts, taken alone or in combination fail to disclose:

“(b) receiving description of change in at least one property of at least one object of said GUI in reaction to at least one of said inputs; and

(c) changing said at least one property of said at least one object in accordance with said received description of change; and

(iii) automatically constructing at least part of a formal system behavior specification that corresponds to the scenario, based at least partly on said playing in.”

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Regarding independent claim 20 (and similarly recited in independent claim 39), as noted in Remarks received 07/17/2006, page 14, 2nd paragraph, and page 15, paragraphs 2 & 4, Sherman, Werner, Ladkin, and other cited prior arts, taken alone or in combination fail to disclose:

“...said GUI including at least one object which has at least one property that does not change in reaction to an input except in accordance with said formal system behavior specification and (ii) playing-out a scenario by performing the following steps (a) and (b) as many times as required: (a) receiving description of at least one input; and (b) changing at least one property of at least one object of said GUI in reaction to at least one of said described inputs in accordance with said formal system behavior specification.”

Moreover, evidence for modifying the prior art teaching by one of ordinary skill level in the art was not uncovered so as to result in the invention.

Thus, all remaining dependent claims, claims 3-8, 10-17, 22-38, and 40-52, are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

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5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Steelman, whose telephone number is (571) 272-3704. The examiner can normally be reached Monday through Thursday, from 7:00 AM to 5:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached at (571) 272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Steelman

01/22/2007

Mary Steelman
Primary Examiner
1.22.07